



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, June 22, 2015

Issued: 0800 CT

Day 1 Hazards: No significant weather hazards.

River Flood Hazards: Major river flooding is forecast to occur over the next few days along the Red River in NE TX/SE OK. Major river flooding continues at Liberty on the Trinity River in SE TX.

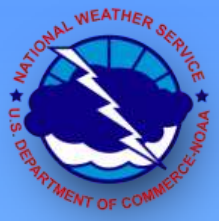
National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



River Flood Situation

- Several rivers in OK are in moderate flood stage, but have already crested and will continue falling today
- The Red River in NE TX/SE OK will raise to major flood stage over the next few days
 - Monitoring Dekalb for potential impacts to the U.S. Highway 59 bridge
 - Lake Texoma continues to rise to near record pool stages
 - When it crests, we'll have a better understanding of what it might do to points further downstream (ie – Shreveport)
- The Trinity will remain in Minor/Moderate (Major at Liberty) Flood Stage this week
- The West Fork San Jacinto River near Porter is at major flood stage; water over roads & lowland flooding

Today through Friday

- Scattered showers and storms possible each day across the Region, but significant weather and/or impacts are not expected
 - Storm coverage will increase over NM beginning mid-week through the end of the week, some isolated areas of heavy rainfall are possible

Tropical Outlook

- Tropical cyclone formation is not expected during the next 5 days

*FEMA Region 6 Threat Matrix

Jun 22, 2015 - Jun 26, 2015

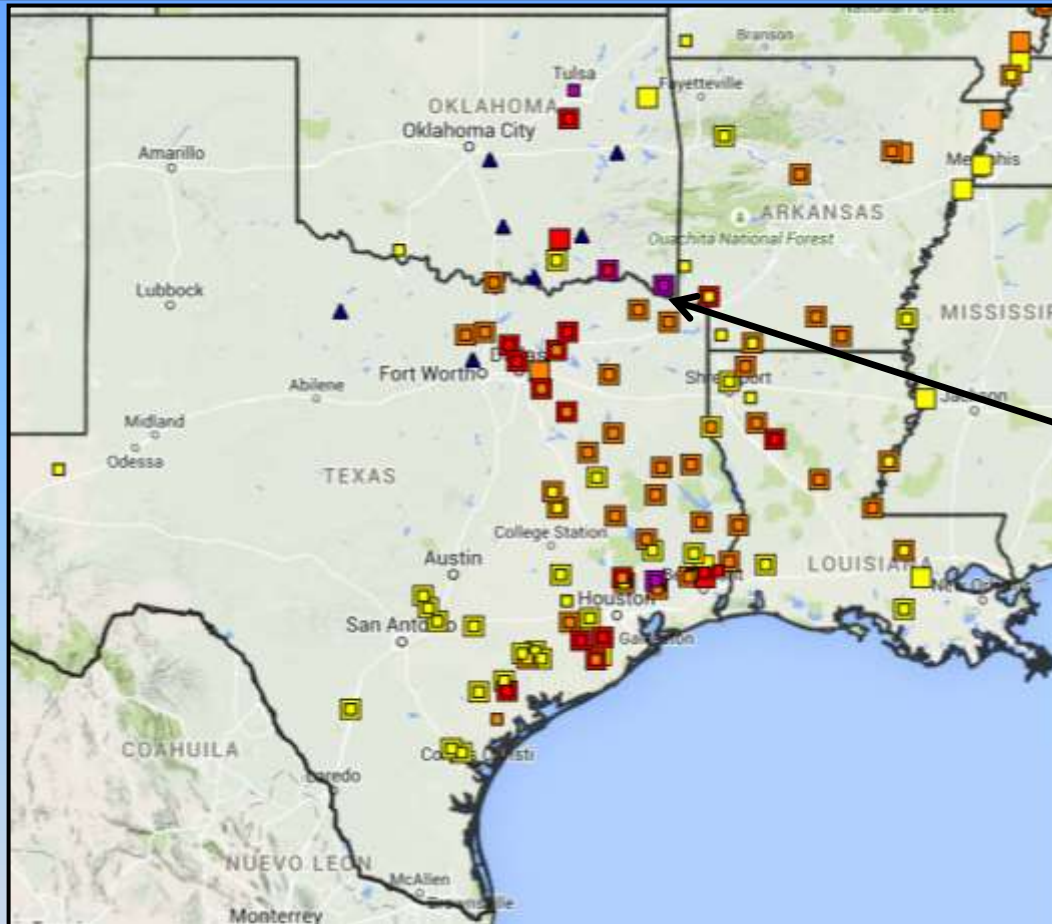
DAY/ THREAT	MON	TUE	WED	THU	FRI
Severe Storms					
Heavy Rain /Flash Flooding			NM	NM	NM
Tropical					
River Flooding	E TX, E OK, NW LA, SW AR				

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



Current River Status / Near Term Forecast



River Status

	Observed	Forecast
No Flooding	Green square	Green square
Near Flood Stage	Yellow square	Yellow square
Minor Flooding	Orange square	Orange square
Moderate Flooding	Red square	Red square
Major Flooding	Purple square	Purple square

- A few rivers in OK are in moderate flood stage, but have already crested and will continue falling this week
- The Red River in NE TX/SE OK will raise to major flood stage over the next few days
 - Monitoring Dekalb for potential impacts to the U.S. Highway 59 bridge
 - Lake Texoma continues to rise to near record pool stages
 - When it crests, we'll have a better understanding of what it might do to points further downstream (ie – Shreveport)
- The Trinity will remain in Minor/Moderate (Major at Liberty) Flood Stage this week

For latest river stages/forecasts, go to
<http://www.srh.noaa.gov/rfcexp/main.php?fs=1>

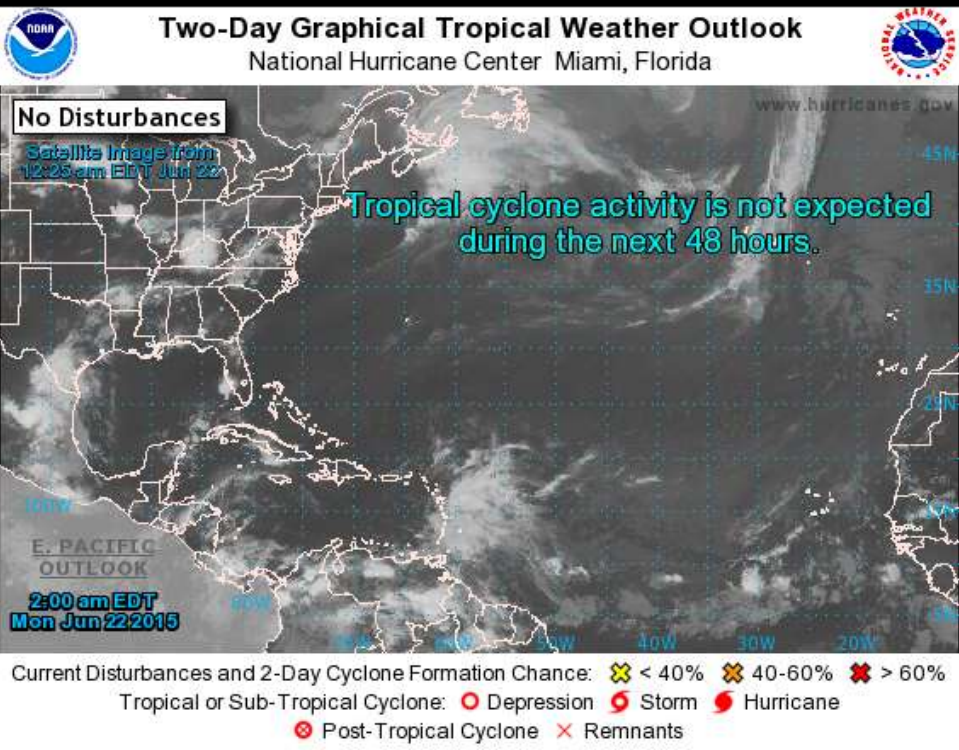
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

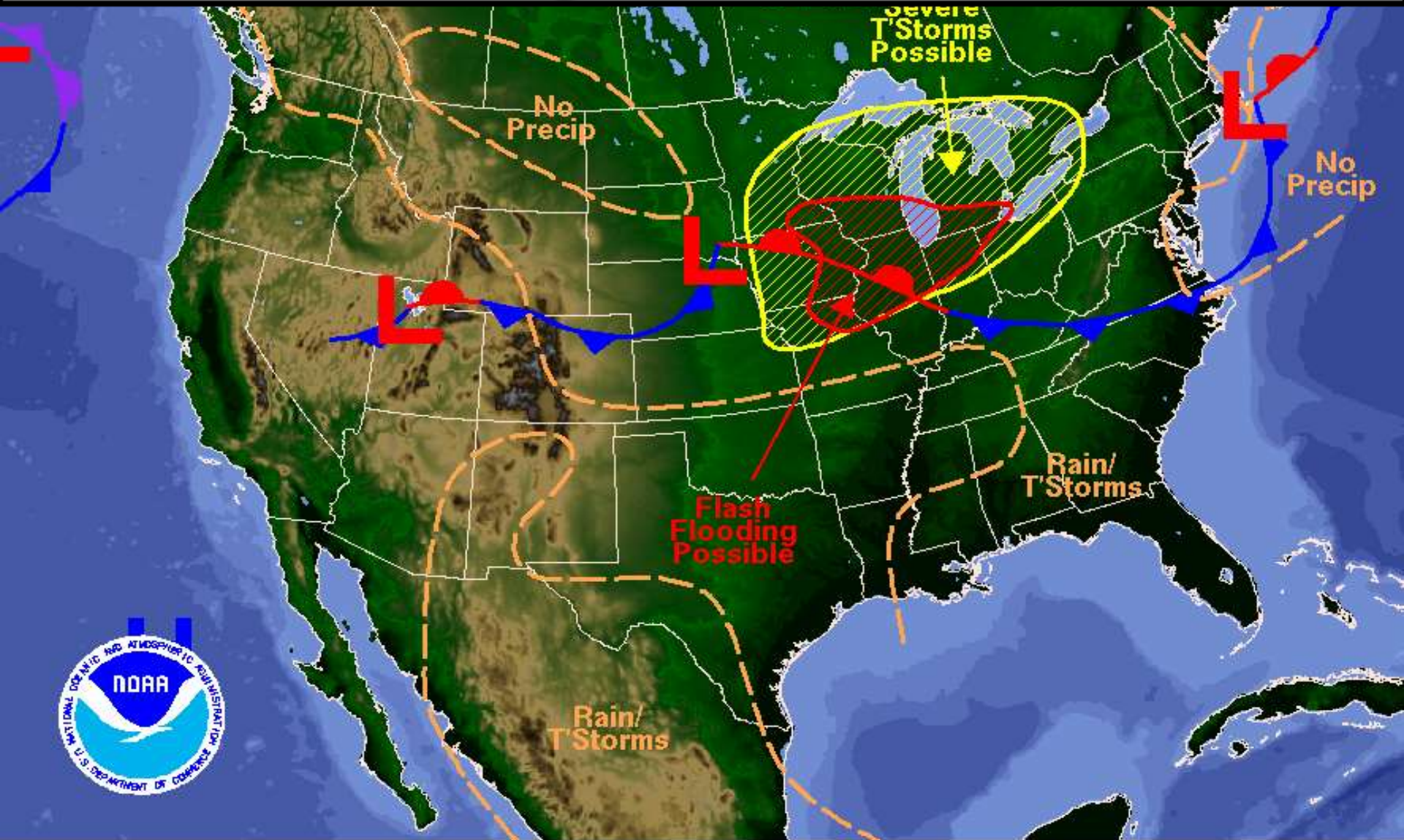
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected during the next five days.



Today's Weather



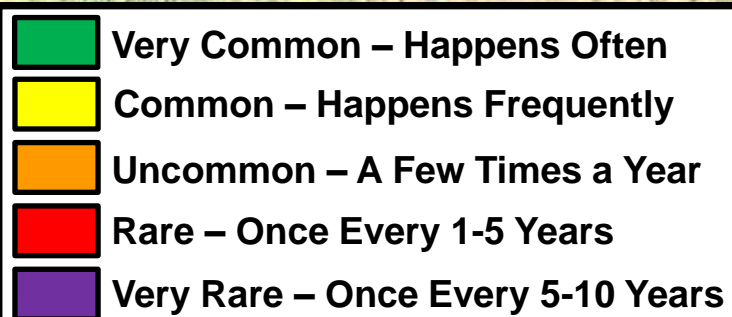
Weather Forecast for Mon, Jun 22, 2015, issued 4:41 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Mon - 0800 Tue



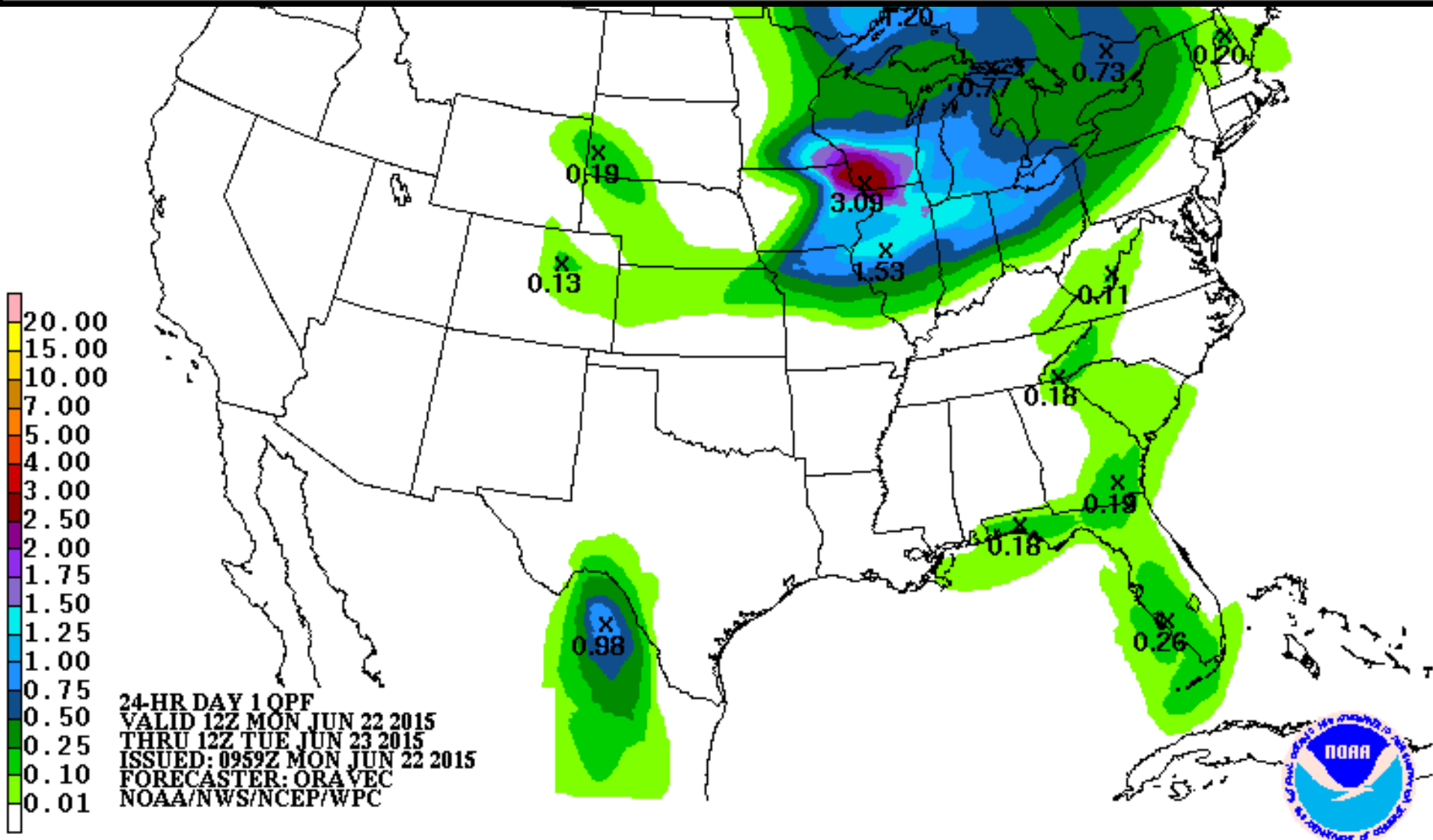
**No significant weather
expected**



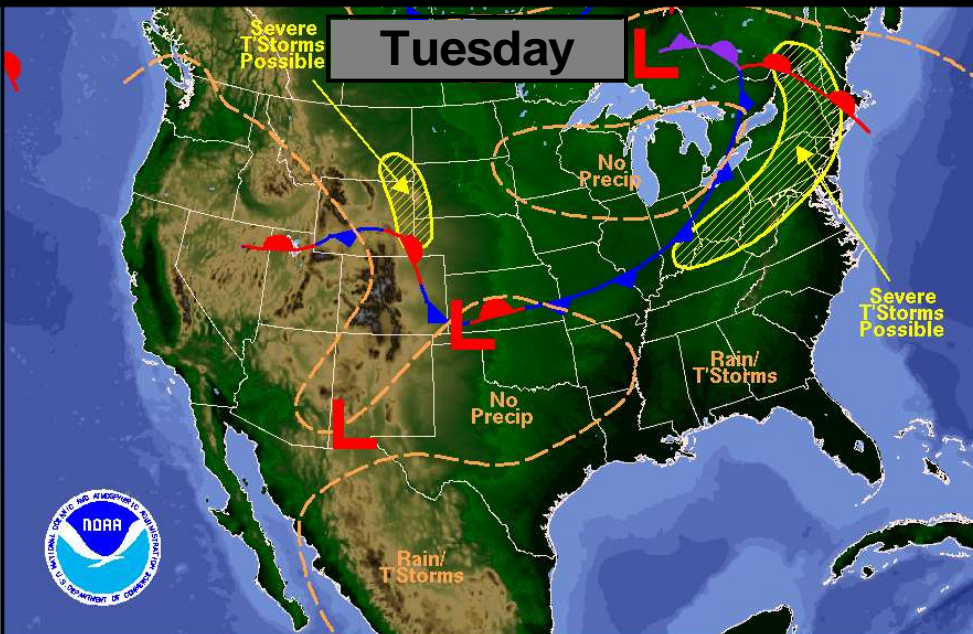
**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

Today's Precipitation

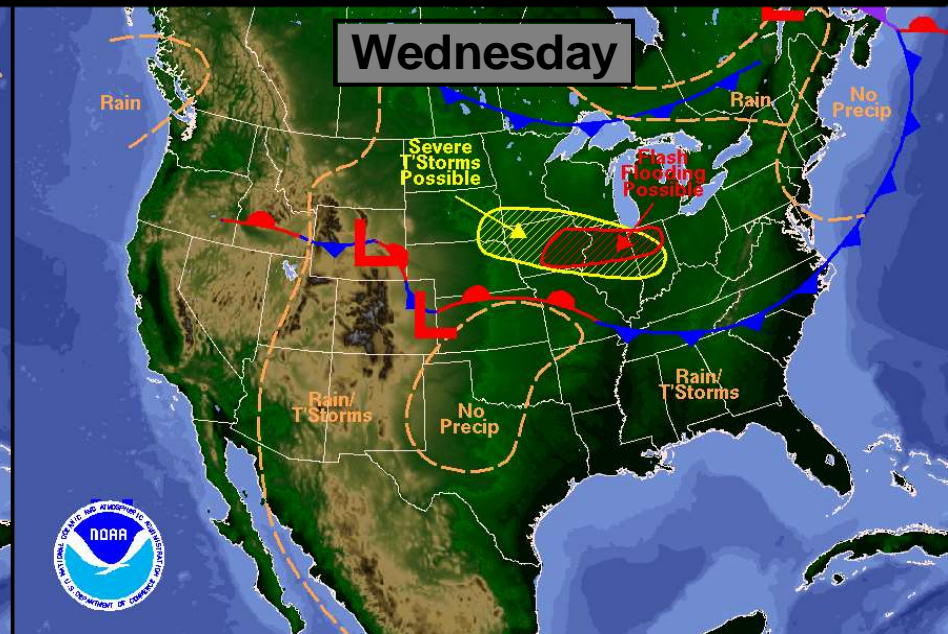
Mon AM - Tue AM



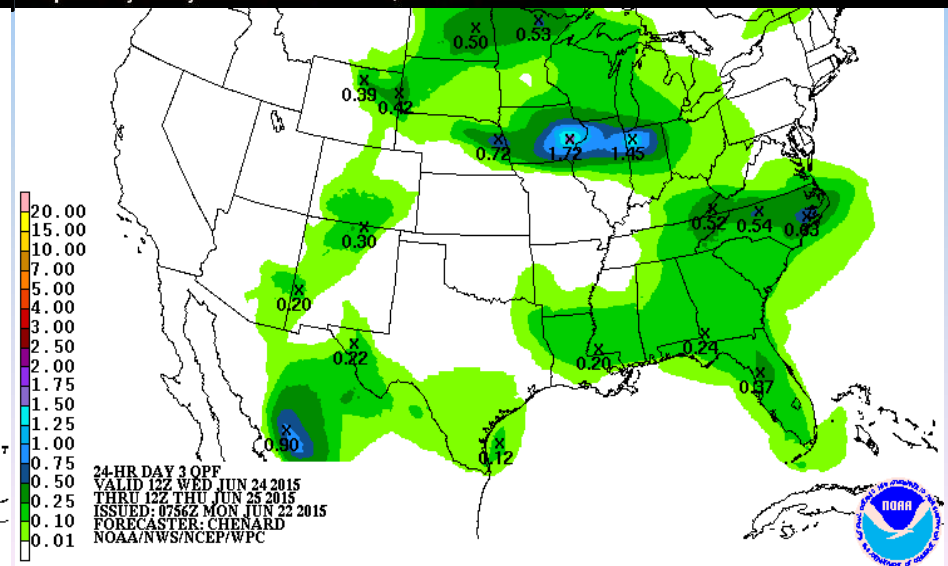
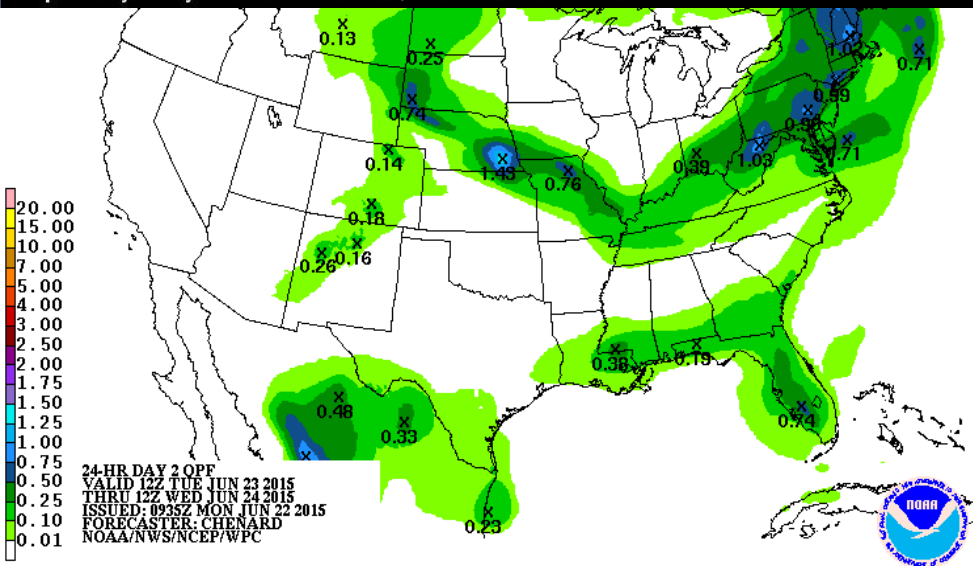
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Tue, Jun 23, 2015, issued 4:46 AM EDT Mon, Jun 22, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Weather Forecast for Wed, Jun 24, 2015, issued 4:55 AM EDT Mon, Jun 22, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



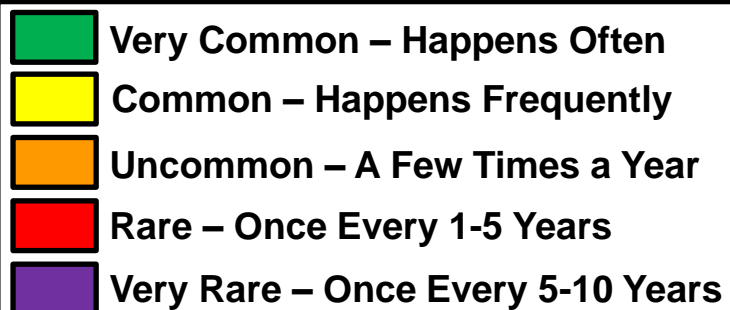
Day 2-3 Weather Hazards

Valid: 0800 Tue - 0800 Thu



Storm coverage will increase over NM beginning mid-week ; isolated areas of heavy rain possible

No significant weather expected



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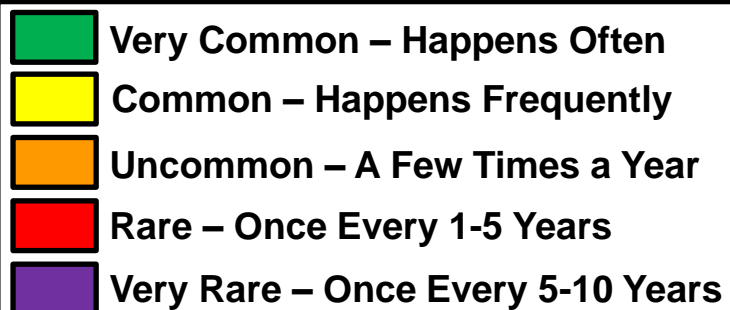
Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Increased storm coverage over NM continues ; isolated areas of heavy rain possible

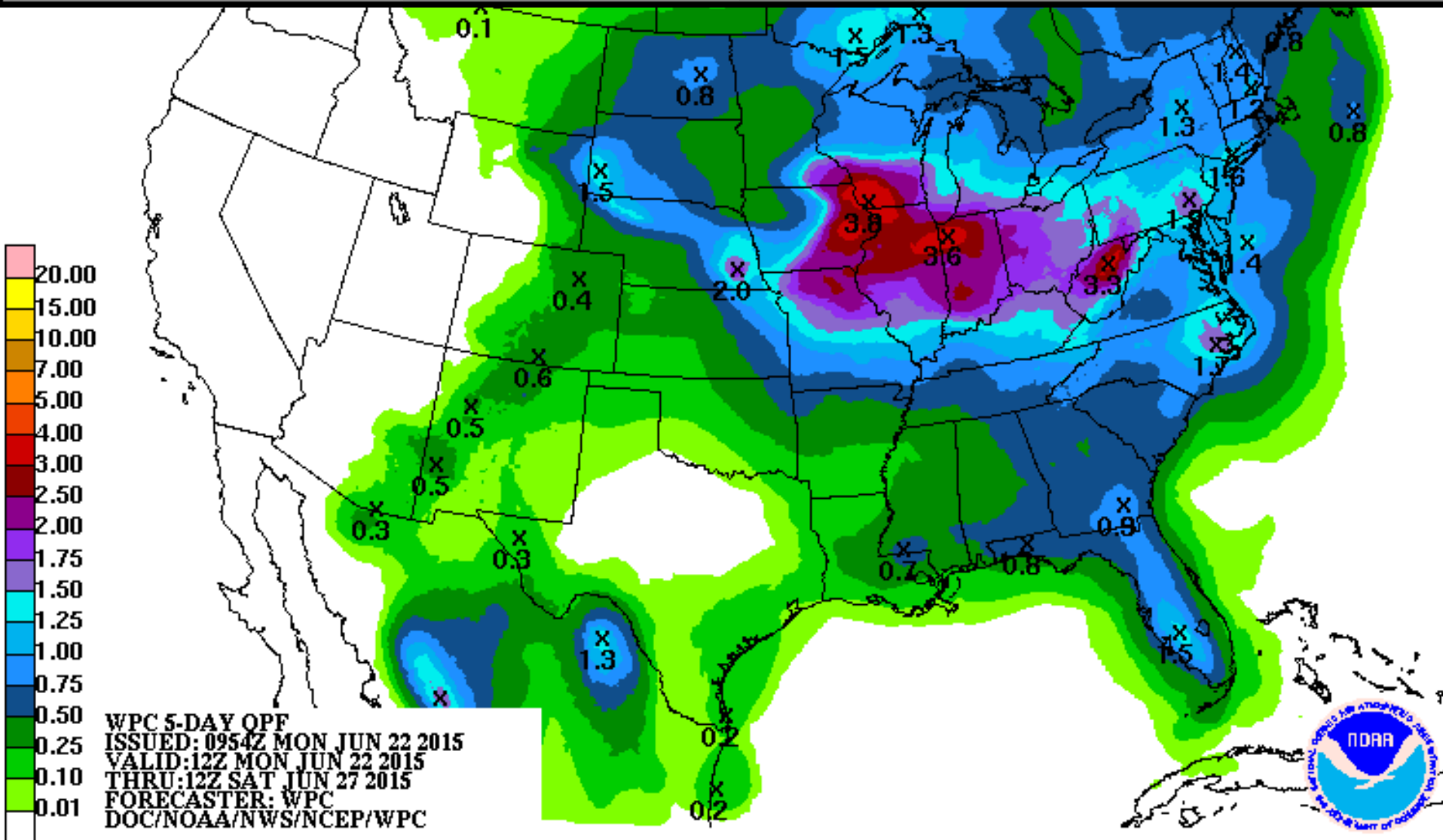
No significant weather expected



**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

5-Day Precipitation

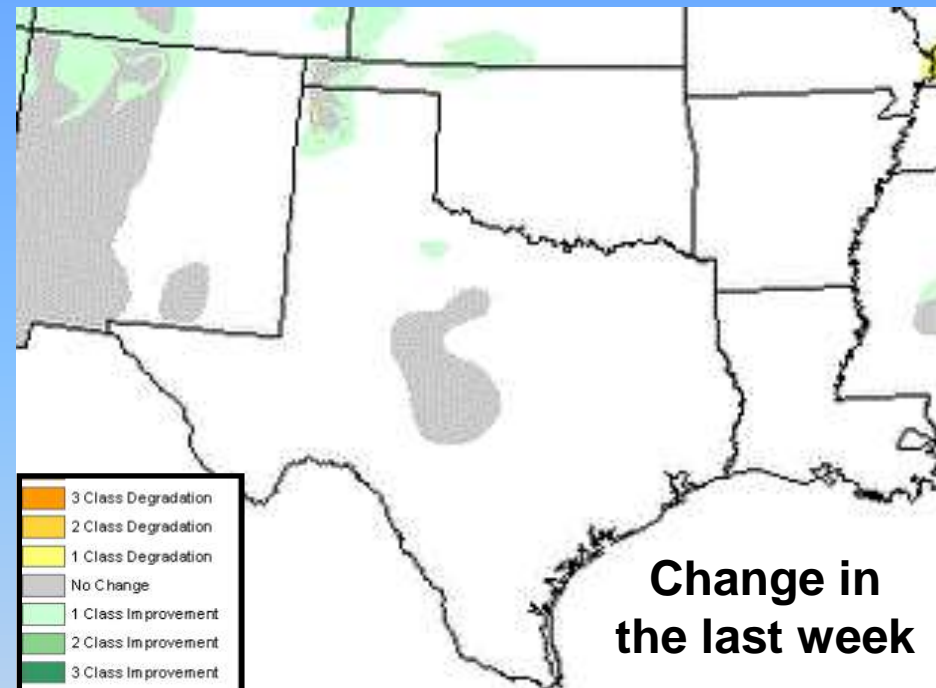
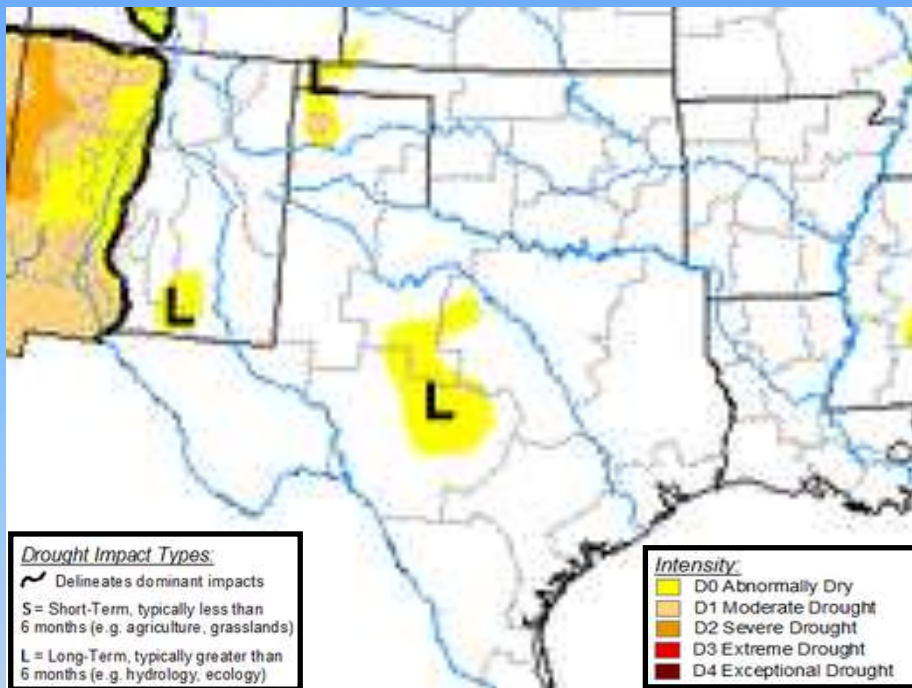
Mon AM - Sat AM





Drought Monitor Released June 18th, 2015

Data valid as of Tuesday, June 16th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	31.72%	48.47%
Texas	0.00%	0.00%	14.48%	21.50%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Strong (G3) storm (Max Kp = 7)	Moderate (G2) Storm (Max Kp = 6)	Active to Unsettled (Max Kp = 4)
Solar Radiation Storm (S1-S5)	99%	90%	70%
Radio Blackout (R1-R2)	75%	75%	75%
Radio Blackout (R3-R5)	20%	20%	20%

[Click here for a Description of the Space Weather Storm Scales](#)

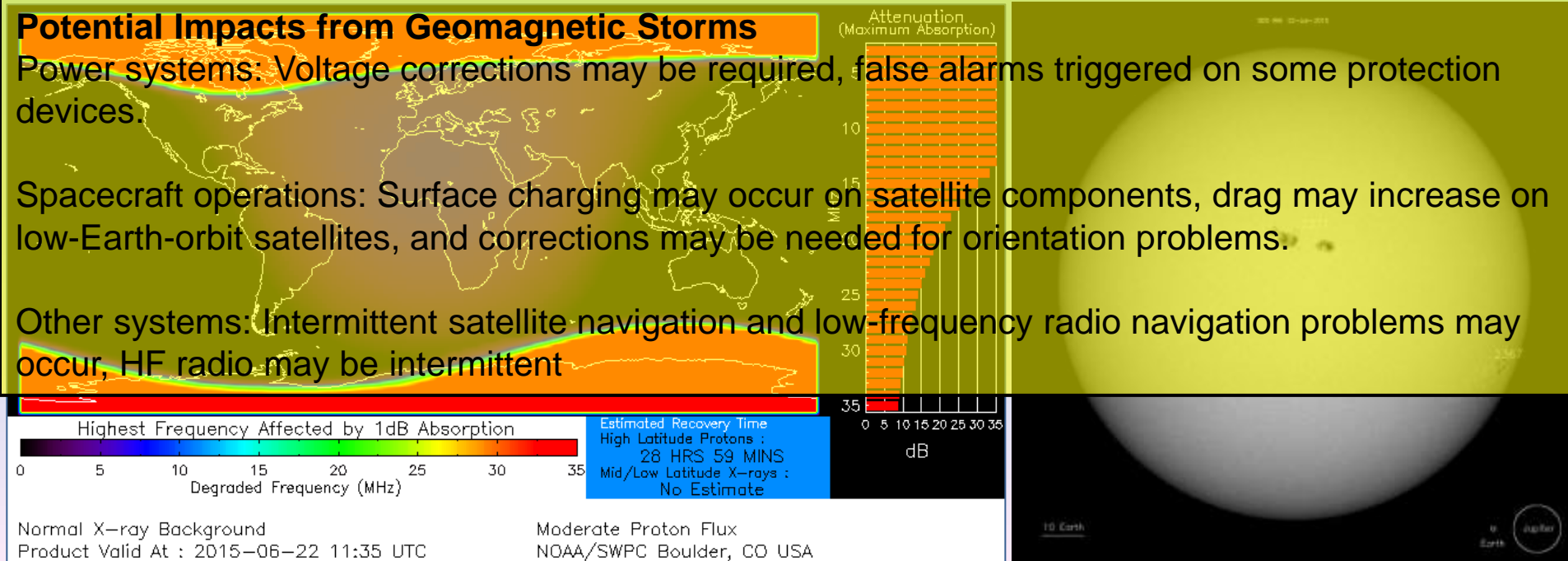
[Click here for the Latest 3-Day Space Weather Forecast Text](#)

Potential Impacts from Geomagnetic Storms

Power systems: Voltage corrections may be required, false alarms triggered on some protection devices.

Spacecraft operations: Surface charging may occur on satellite components, drag may increase on low-Earth-orbit satellites, and corrections may be needed for orientation problems.

Other systems: Intermittent satellite navigation and low-frequency radio navigation problems may occur, HF radio may be intermittent



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

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Web: <http://www.srh.noaa.gov>

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